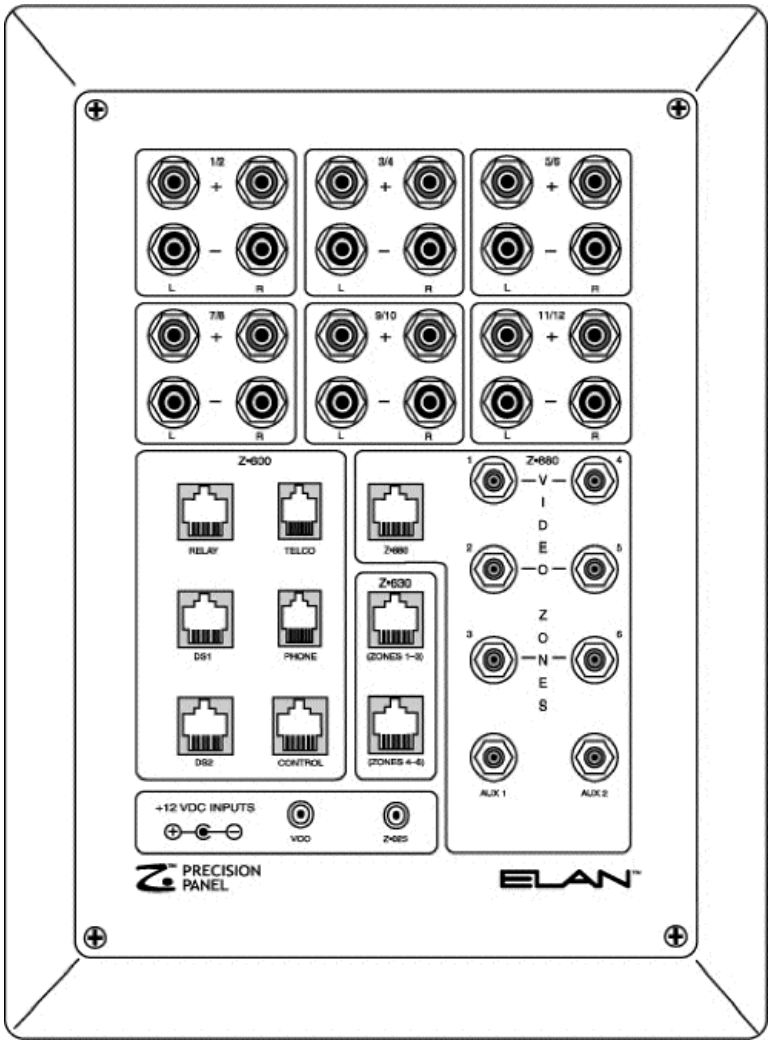
PZ6

SYSTEM PRECISION PANEL - *Series II*



INSTALLATION MANUAL

ELAN
HOME SYSTEMS

WARNING

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the device or component.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INFORMATION

Read Information—All the safety and operating information should be read before the appliance is operated.

Follow Information—All operating and use information should be followed.

Retain Information—The safety and operating information should be retained for future reference.

Heed Warnings—All warnings on the appliance and in the operating instructions should be heeded.

Wall Mounting—Mounting of this appliance should be done only by an authorized installer.

Ventilation—The appliances should be situated so that their location or position does not interfere with their proper ventilation. These appliances should never be placed near or over a radiator or heat register. These appliances should not be placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Non-Use Periods—Appliances that are left unattended and unused for long periods of time should be de-energized.

Power Sources—The appliances should be connected to a power supply only of the type described in the operating instructions or as marked on each appliance. If you are not sure of the type of power supply to your home, consult your authorized ELAN dealer or local power company.

Grounding or Polarization—These audio products must be connected to a grounding-type alternating-current circuit on a dedicated circuit breaker. This is a safety feature. The green safety wire from the A.C. circuit must be connected.

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WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Water and Moisture—To reduce the risk of electric shock or fire, these appliances should not be used near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

Power Cord Protection—A.C.Power supply circuits should be routed by a certified electrician only, in accordance with the NEC standards.

Telephones—Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning. Do not use a telephone to report a gas leak if the leak is in the vicinity of the ELAN electronic equipment because of risk of fire or explosion.

Cleaning—Turn off the circuit breaker to this audio product before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

Power Lines—An outdoor antenna should be located away from power lines. When installing an outside antenna system, extreme care should be taken to avoid touching power lines or circuits, as contact with them may be fatal.

Outdoor Antenna Grounding—If an outside antenna or cable system is connected to these audio products, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the U.S. National Electrical Code, and Section 54 of the Canadian Electrical Code, provide information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See the grounding diagram (right).

Overloading—Do not overload wall outlets and extension cords, as this could result in fire or electric shock.

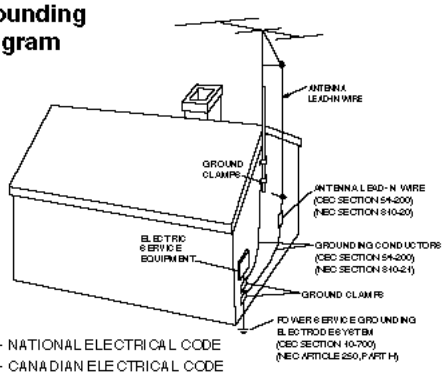
Object and Liquid Entry—Never insert objects of any kind through the openings of these appliances, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Care should be taken so that objects do not fall and liquids are not spilled into the appliance through openings in the enclosure.

Servicing—Do not attempt to service these appliances yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service—These appliances should be serviced by qualified service personnel when:

- A power supply connection or a plug has been damaged or
- If liquid has been spilled into the appliance or objects have fallen into the appliance or
- The appliance has been exposed to water or moisture or
- The appliance does not appear to operate normally or exhibits a marked change in performance or
- The appliance has been dropped or the enclosure damaged.

Grounding Diagram



NEC - NATIONAL ELECTRICAL CODE
CEC - CANADIAN ELECTRICAL CODE

Replacement Parts—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards. The Master Control Unit battery should be replaced only after turning the power off and only by an authorized installer.

Safety Check—Upon completion of any service or repairs to this audio product, ask the service technician to perform safety checks to determine that the audio product is in proper operating condition.

Lightning—For added protection for these audio products during an electrical storm, or when they are left unattended and unused for long periods of time, turn off the circuit breaker, and disconnect the antenna or cable system. This will prevent damage to the audio products due to lightning and power-line surges.

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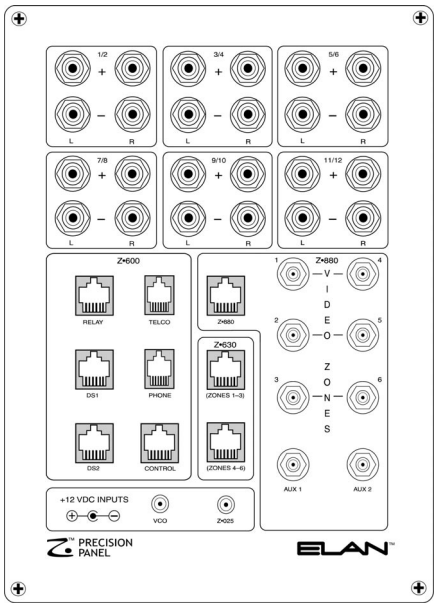
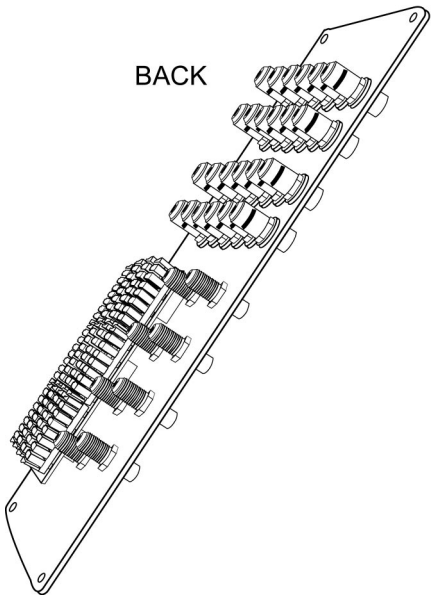
INTRODUCTION

The PZ6 Precision Wall Plate was created to make the installation of ELAN Z•Series Multi-Source/Multi-Zone systems literally 'plug-and-play'. Like the entire family of ELAN Essentials products, the PZ6 was designed with the custom installer in mind. Its goal—to cut hours off of every Z•Series installation and assure that all system wire runs and Z• Series components are connected properly first time, every time.

FEATURES





- Front panel RJ45 jacks accommodate the connection of all ELAN Z•Series components, including a multiple Z•630 systems of up to 12 zones (systems using three or four Z•630s will require two PZ6's). ELAN's new line of Essential Cables include 1 and 2 meter RJ45-to-RJ45 interconnects to make all connections plug-and-play.

- The PZ6 completely eliminates the need to interconnect ELAN Z•Series components. Whereas numerous 'butt-splices' needed to be made between the Z•630 PreAmp Controller, the Z•600 Comm Controller and the Z•880 Video Controller so that they could 'talk' to each other, the PC board on the PZ6 does all of that for you.

- The rear panel features a standard 110 punchdown connector for every Z•Series wire run, including Z•PADs, Z•025 modules, Door Speaker Assemblies, Relays, Volume Control Overrides, Telephone and even a punchdown connector that will interface with VIA! LCD Touch Panel Precision Wall Plates.

- The front of the panel is clearly silk-screened to make the connection of Z•Series components quick and easy. The rear panel PC board is labeled with the name and function of each punchdown connection. To make things even easier, a rear panel color-code overlay is included with each PZ6. Just match up every Z•PAD and Door Speaker Assembly wire to the corresponding connector and punch it down!

- Twelve gold-plated, 5-way speaker binding posts make speaker ter mination easy. For clean, no-short connections, ELAN recommends the use of its "BLACKJACK" gold-plated Banana plugs, which are \ accepted on both sides of the speaker binding posts.

- Eight RCA-to-F barrel connectors make for easy connection of all your coax wire runs to the Z•880 Video Controller.

- +12VDC Inputs are provided on the front of the PZ6 for Z•025 & VCO relay control. Just plug in ELAN's Z•027 power supply and the PZ6 automatically routes the power to the appropriate punchdown connectors.

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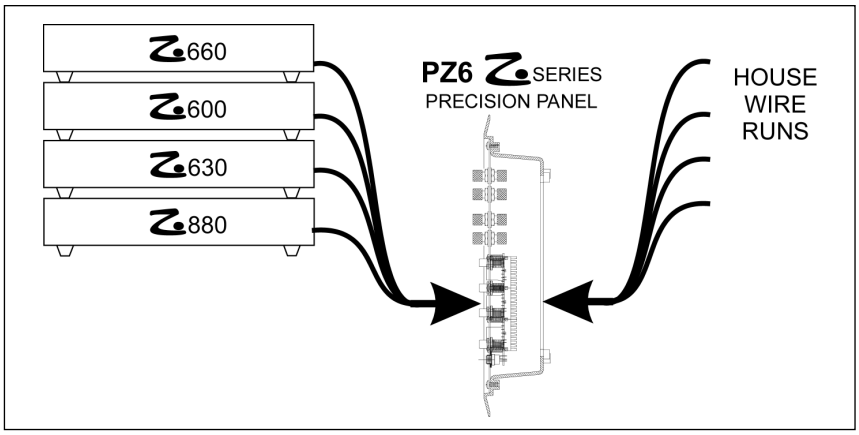
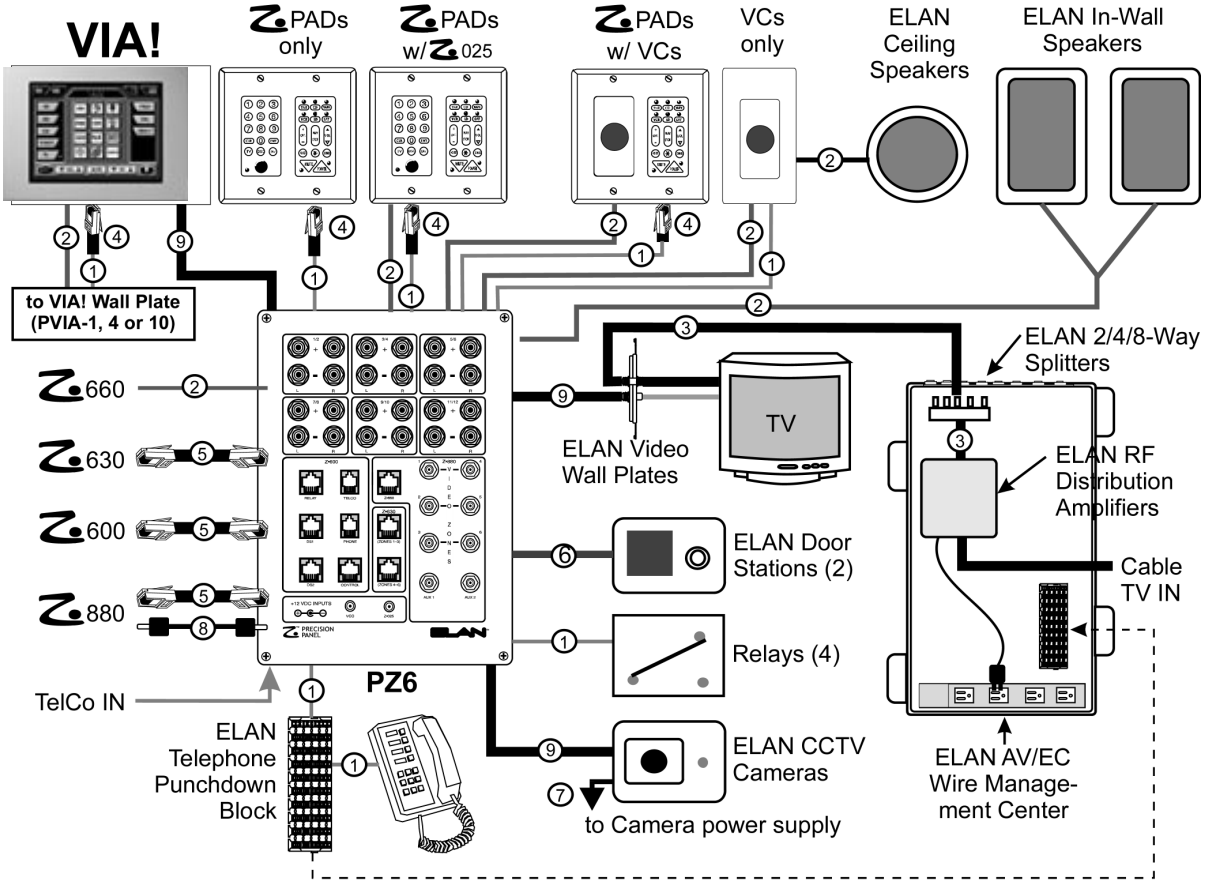
Z SERIES WIRE RUNS





① CAT-5 four twisted pair (8 conductor), unshielded telephone cable, 24 AWG minimum

② 1 or 2 twisted pair (2 or 4 conductor) stranded audio cable, 18 AWG min.

③ RG-6 coaxial cable (for all RF Video runs)

④ ELAN C45P RJ-45 to pig-tails Interface Cable

⑤ ELAN C4545 1M or 2M RJ-45 to RJ-45 Interface Cable

⑥ Four twisted-pair (8 conductor) shielded cable with drain, 24 AWG minimum

⑦ Two twisted-pair (4 conductor) shielded cable with drain, 24 AWG minimum

⑧ ELAN CZV 1M or 2M Video Interconnect Cable

⑨ RG59 or RG6 coaxial cable (for Composite Video runs)

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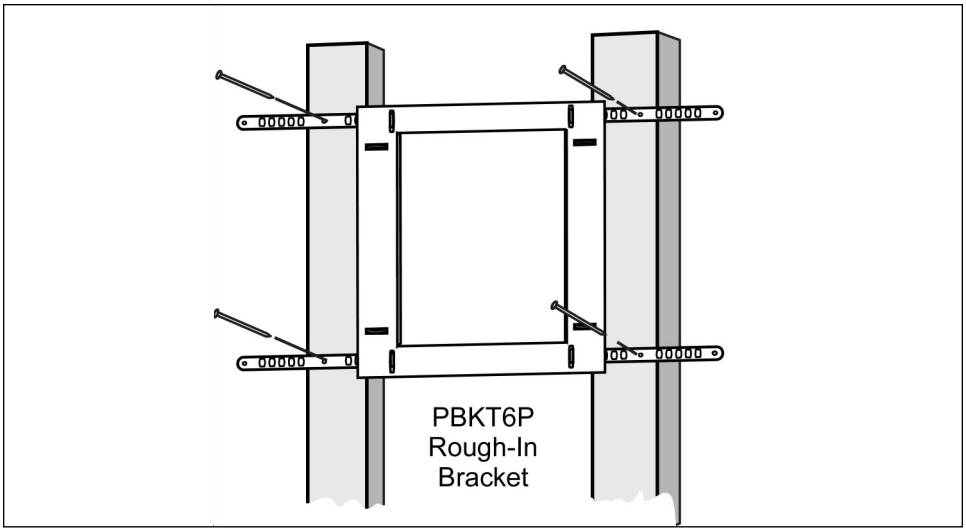
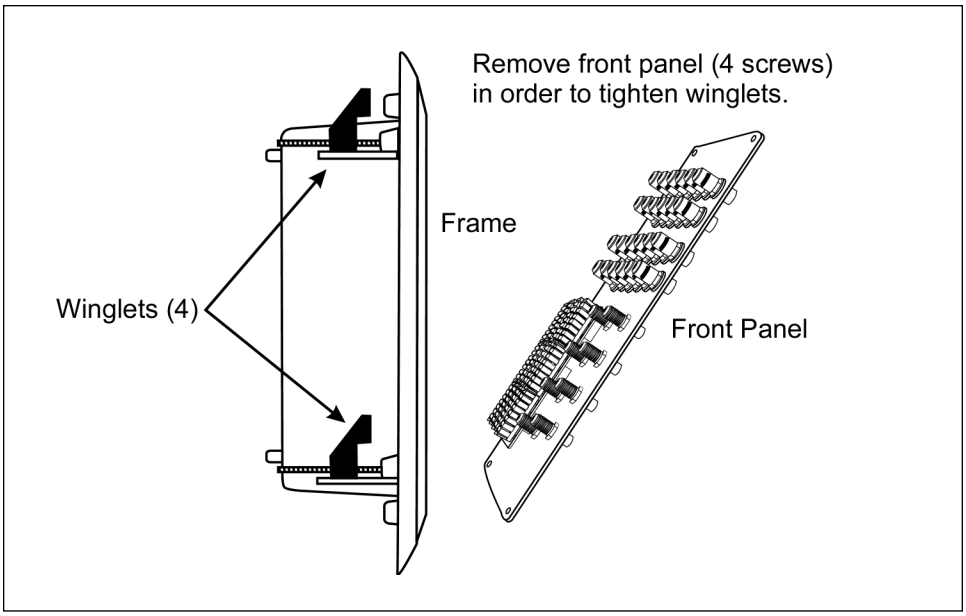
ROUGH-IN (CUTOUT DIMENSIONS: 8.25"W x 10.5"H)

INSTALLATION TIP

The cardboard insert that the PZ6 sits in inside the shipping carton can be used as a cutout template.



A new construction rough-in bracket (PBKT6P) is available for the PZ6. The sliding frame on metal straps adjusts to any location between studs.



The PZ6 frame is equipped with four "winglets" which, when tightened, clamp the frame securely against the rough-in bracket or, in retrofit applications, against the drywall.

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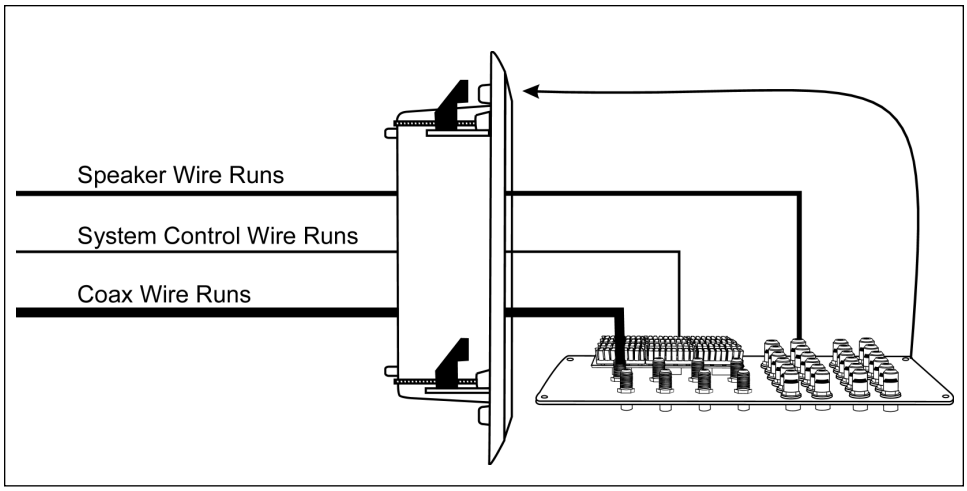
TRIM OUT

All system wire runs are pulled through the PZ6 frame. Lay the PZ6 front panel on the floor in front of the frame and make all your connections. Dress the wires in neat bundles—being careful not to pull off any punchdown connections—and then carefully place the front panel back into the frame and secure using the four screws. *See pages 7-13 for detailed System Connections.*



CONNECTIONS

INTERCONNECT CABLES

ELAN now carries a variety of interconnect cables for use with the PZ6 as well as other Audio/Video applications

C45P	2M RJ45 to Pigtails
C45451	1M RJ45 to RJ45
C45452	2M RJ45 to RJ45
CZP	9" Stereo Patch Cable
CZP1	1M Stereo Patch Cable
CZP2	2M Stereo Patch Cable
CZY	9" Y Cable (3 male RCA plugs)
CZV1	1M Video Patch Cable
CZV2	2M Video Patch Cable
BJACK	Gold Plated Banana Plug
CSM2	Cable Suite

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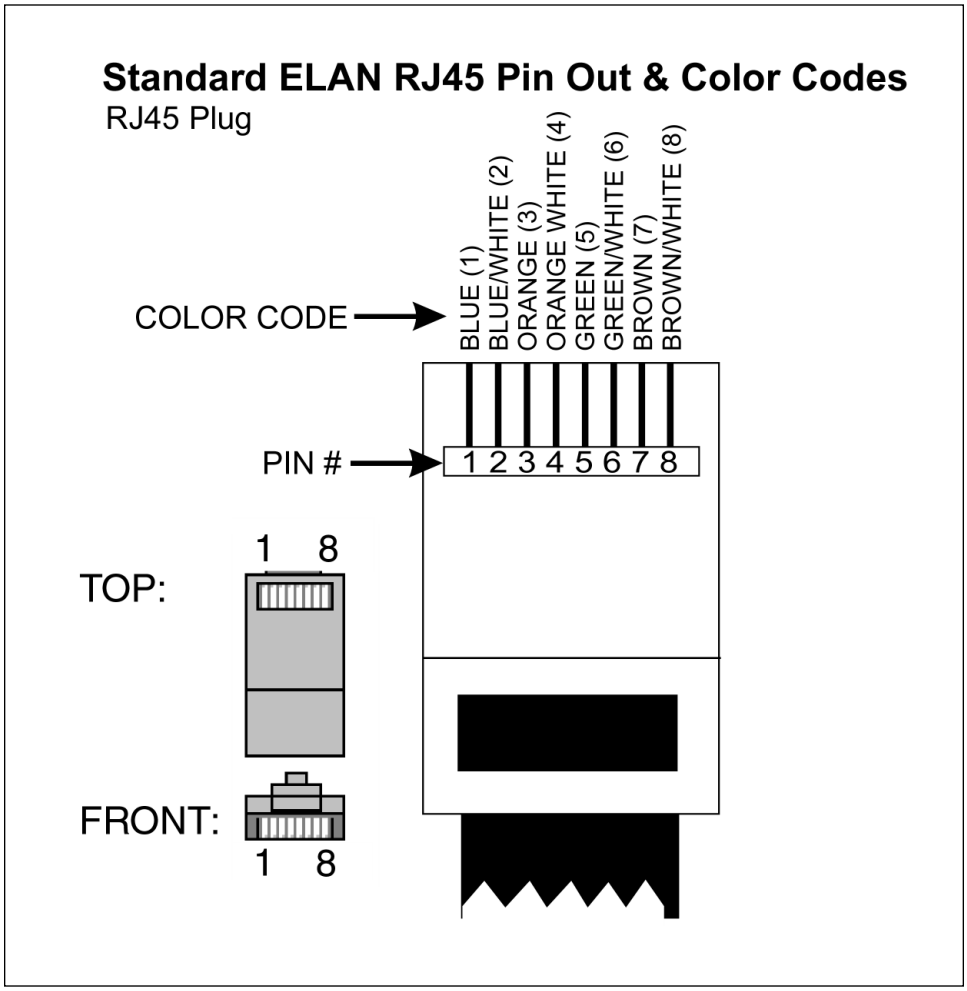
CONNECTIONS - CONT.

RJ-45 PIN OUT

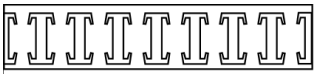
Should you prefer to terminate your own RJ45 cables, refer to the diagram below for the correct pin-out.



PZ6 PUNCHDOWN CONNECTORS

The back of the PZ6 uses standard 110 punchdown connectors for all Z•System wire runs (with the exception of speakers and coax). Wires do not need to be stripped prior to punchdown as the insulation will automatically be displaced, and each punchdown row will accept two 24 or 22 AWG solid conductor wires. *Use of a 110 punchdown tool is recommended.*

NOTE: The PZ6 also comes with Punchdown caps to ensure that wiring connections won't come loose.



Punchdown Connector

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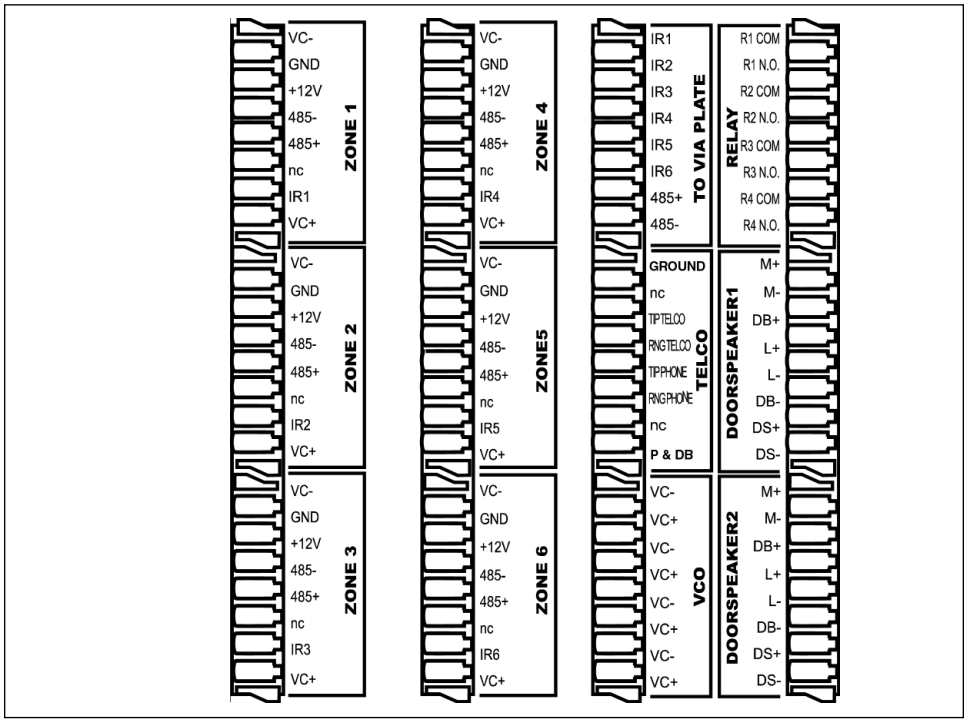
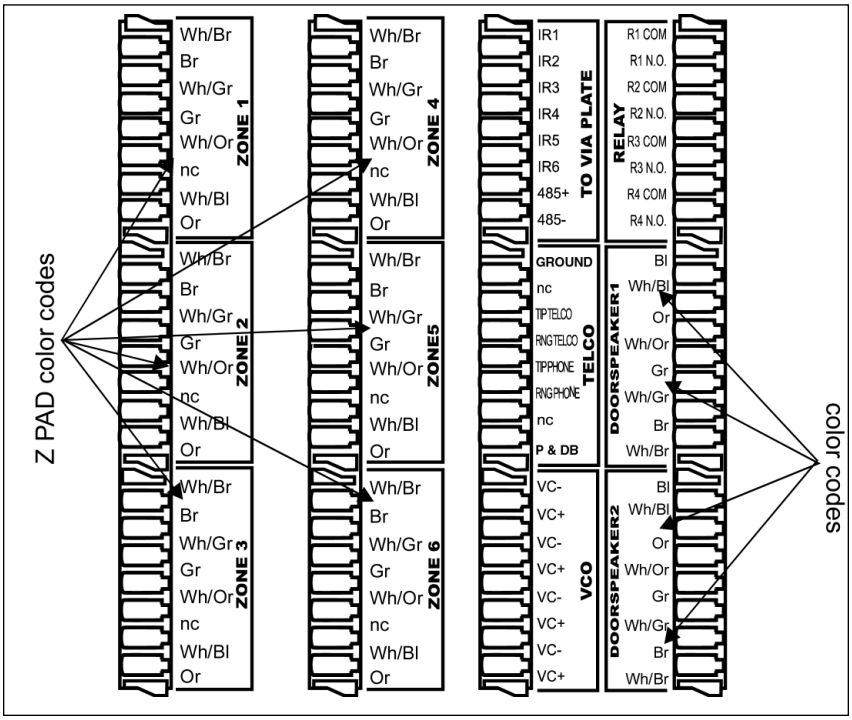
CONNECTIONS - CONT.

PZ6 CONNECTION SILK SCREEN & OVERLAY

The PZ6 has two ways for you to reference all your connections. Using the silk screen on the PC board, and then using the Color-Code Overlay to double check all your punchdowns (or vice-versa) will ensure that all wires have been punched down to the proper position.



The PC Board Silk Screen gives you the exact name-by-name connection for each wire



The COLOR-CODE Overlay gives a color-coded reference for Z•PAD and Door Speaker Assembly connections

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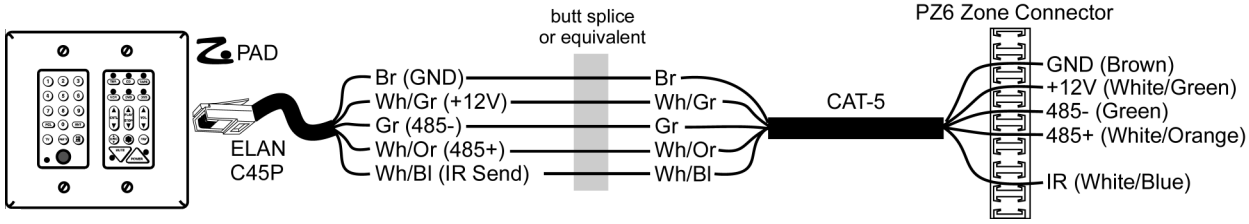
CONNECTIONS - CONT.

Z•PAD CONNECTIONS

These same connections are used for Zones 7-12 on the second PZ6.

There are six keypad punchdown connectors provided on the rear panel of the PZ6 - one for each of the six zones in a dual Z•630 System. The six keypad punchdown connectors are labeled Zone 1 thru Zone 6.



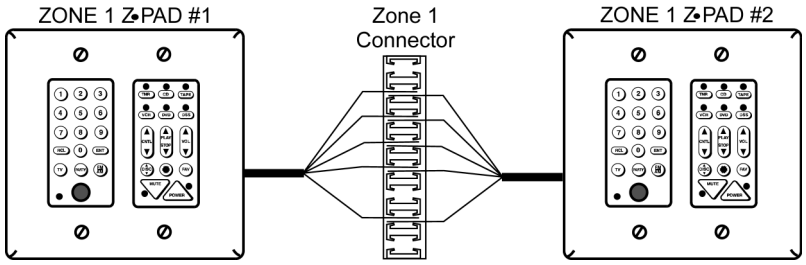
CONNECTING MORE THAN ONE Z•PAD PER ZONE

Two 22 or 24 AWG solid conductor wires can be punched down into each row of the connector, making it easy to connect two Z•PADs per zone. If using more than two Z•PADs in one zone, the keypad wires would need to be spliced to a lead wire which would then be punched down to the connector.

INSTALLATION TIP

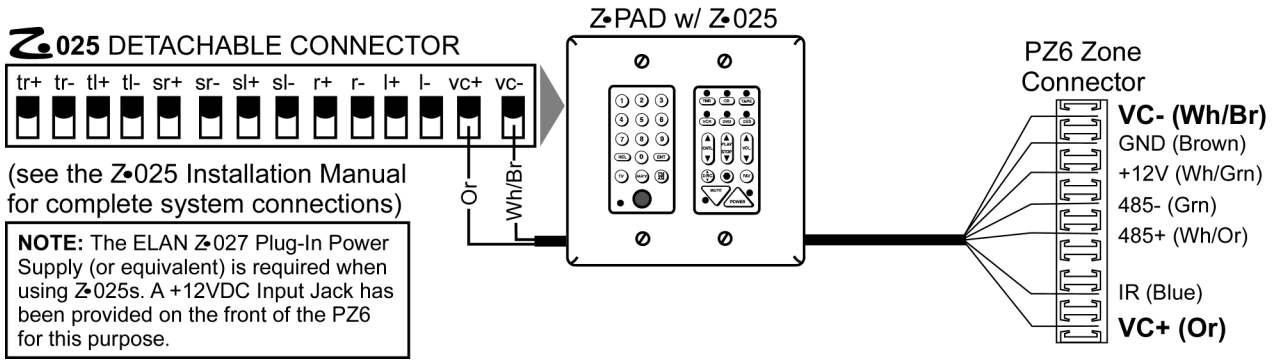
Use the Color-code overlay to ensure correct ZPAD punchdown connections

***NOTE:** A maximum of six ZPADS may be connected to one Z630 PreAmp Controller*



Z•025 SPEAKER RELAY/AB SENSING MODULE

When using Z•025 Speaker Relay/AB Sensing Modules in conjunction with Z•PADs, the Zone punchdown connectors on the PZ6 provide the necessary connections for the VC+ and VC- wires that enable Page and Doorbell override control. Use two of the remaining conductors from the CAT-5 keypad wire run (Orange for VC+ and White/Brown for VC-) to make this connection.



NOTE: The ELAN Z•027 Plug-In Power Supply (or equivalent) is required when using Z•025s. A +12VDC Input Jack has been provided on the front of the PZ6 for this purpose.

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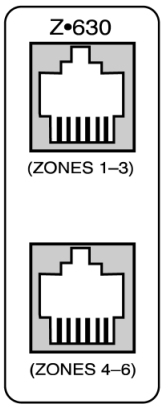
CONNECTIONS - CONT.

Z•630 PREAMP CONTROLLER CONNECTIONS

PZ6 FRONT PANEL CONNECTIONS



SINGLE Z•630 (3 ZONE SYSTEM)

Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled IR INPUTS on the back of the Z•630 to the jack labeled Z•630 Zones 1-3 on the front of the PZ6.

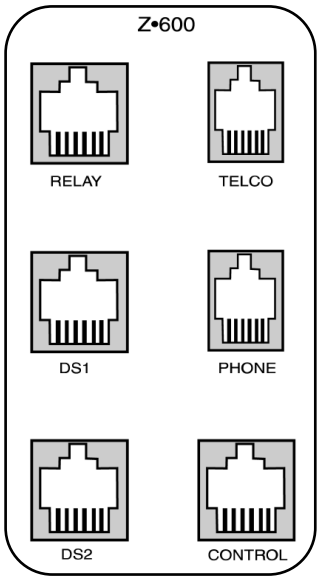
DUAL Z•630 (6 ZONE SYSTEM)

1. Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled IR INPUTS on the back of Z•630 #1 (Zones 1-3) to the jack labeled Z•630 Zones 1-3 on the front of the PZ6.

2. Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled IR INPUTS on the back of Z•630 #2 (Zones 4-6) to the jack labeled Z•630 Zones 4-6 on the front of the PZ6.

MULTIPLE Z•630 (9 OR 12 ZONE SYSTEM)

Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled IR INPUTS on the back of Z•630 #3 (Zones 7-9), to the jack labeled Z•630 Zones 1-3 on the front of the SECOND PZ6. *Repeat for Zones 10-12 (Z•630 #4) and connect to the jack labeled Zones 4-6 on the SECOND PZ6.*



Z•600 COMM CONTROLLER CONNECTIONS

PZ6 FRONT PANEL CONNECTIONS

There are six RJ45 connections for the Z•600 Comm Controller: TELCO, PHONE, RELAY, CONTROL, DS1, and DS2.

PHONE SERVICE CONNECTIONS - Using RJ11-to-RJ11 interconnect cables, connect the jack labeled TELCO IN on the Z•600 to the jack labeled TELCO on the PZ6; and the jack labeled PHONE OUT on the Z•600 to the jack labeled PHONE on the PZ6.

RELAY - The RELAY interface must be made if any of the four telephone-activated contact closures that accessible via the Z•600 are to be utilized. Using a RJ45-to-RJ45 interconnect (ELAN C4545 1M or 2M), connect the jack labeled RELAY 1-4 OUTPUTS on the Z•600 to the jack labeled RELAY on the front of the PZ6.

CONTROL - The CONTROL interface must be made when you are using ELAN Volume Controls with Override. Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled CONTROL OUTPUTS on the Z•600 to the jack labeled CONTROL on the PZ6.

DS1/DS2 - The Z•600 provides independent access to 2 ELAN Door Speaker Assemblies. Using RJ45-to RJ45 interconnect cables (ELAN C4545 1M or 2M), connect the jack(s) labeled DOOR SPEAKER 1 and DOOR SPEAKER 2 on the back of the Z•600 to the corresponding jack(s) labeled DS1 and DS2 on the PZ6.

***NOTE:** If two PZ6's will be used to accommodate a multiple Z•630 system, all Z•600 connections are made to the first PZ6 only. See diagram on following page.*

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CONNECTIONS

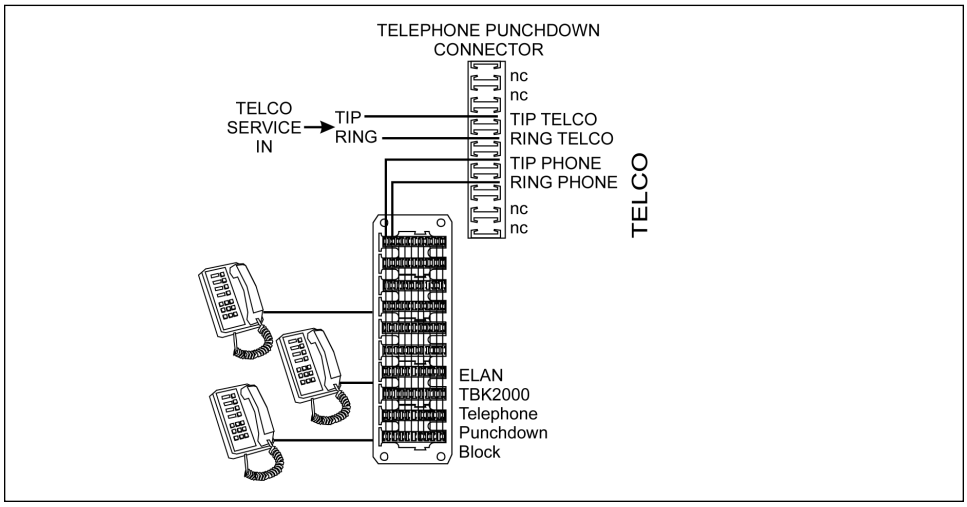
Z•600 COMM CONTROLLER CONNECTIONS

REAR PANEL CONNECTIONS

TELEPHONE SERVICE AND HOUSE CONNECTIONS

1. On the rear panel of the PZ6, connect the incoming telephone service's TIP and RING to the TIP TELCO and RING TELCO terminals on the PZ6's TELCO punchdown connector.

2. Connect TIP PHONE and RING PHONE terminals on the PZ6's TELCO punchdown connector to the appropriate line on the telephone punchdown block.



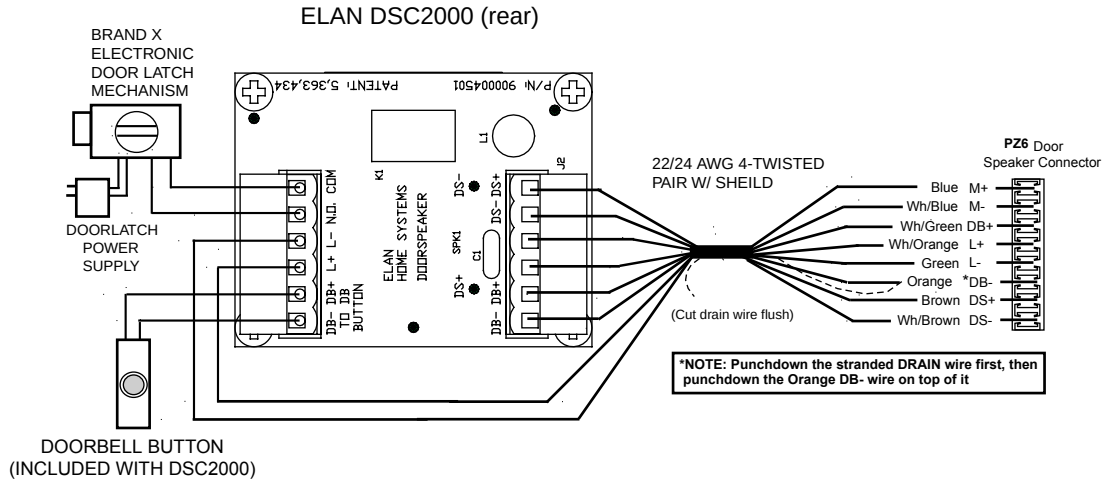
INSTALLATION TIP

Use the color-code overlay to ensure correct Door Speaker Assembly connections.

DOOR SPEAKER ASSEMBLY CONNECTIONS

There are two punchdown connectors on the back of the PZ6 for the connection of ELAN Door Speaker Assemblies (labeled DOOR SPEAKER 1 & DOOR SPEAKER 2). The Z•600 may access each of the door stations independently.

NOTE: *For additional information, see the Z•600 Comm Controller's Users Manual.*


ELAN DSC2000 (rear)
BRAND X ELECTRONIC DOOR LATCH MECHANISM
DOORLATCH POWER SUPPLY
DOORBELL BUTTON (INCLUDED WITH DSC2000)
22/24 AWG 4-TWISTED PAIR W/ SHEILD
(Cut drain wire flush)
PZ6 Door Speaker Connector
Blue M+
Wh/Blue M-
Wh/Green DB+
Wh/Orange L+
Green L-
Orange *DB-
Brown DS+
Wh/Brown DS-
*NOTE: Punchdown the stranded DRAIN wire first, then punchdown the Orange DB- wire on top of it

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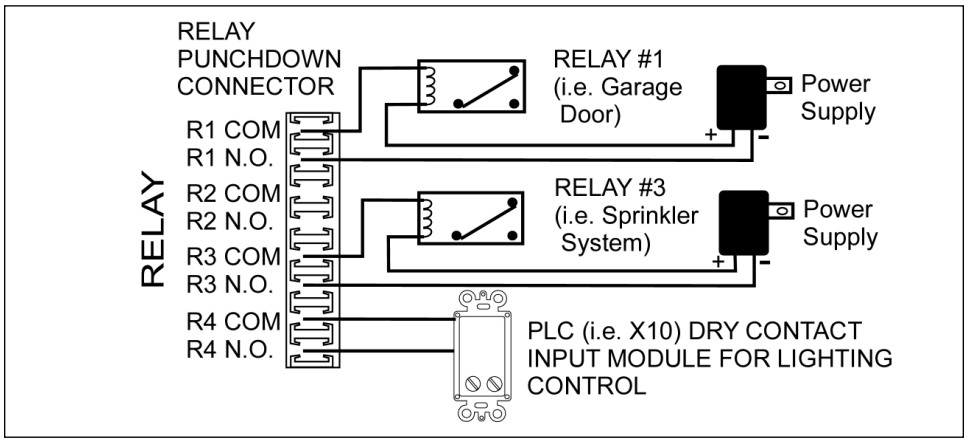
CONNECTIONS

Z•600 COMM CONTROLLER CONNECTIONS
PZ6 REAR PANEL CONNECTIONS (continued)

RELAY CONNECTIONS

The Z•600 can activate up to four low voltage relays via the telephone (#,1,1) (#,1,2) (#,1,3) (#,1,4) for control of lighting, automatic doors, sprinkler systems, etc. A dedicated punchdown connector is provided on the back of the PZ6 for this purpose. The diagram below shows the connections to the RELAY punchdown connector on the reart of the PZ6.



CONNECTING ELAN VOLUME CONTROLS WITH OVERRIDE TO THE PZ6

The rear panel of the PZ6 has a dedicated punchdown connector for terminating ELAN Volume Controls with Override. Simply punch down the VC+ and VC- wires coming from each volume control with override to the VC+ and VC- connector on the rear of the PZ6. *Be sure to maintain proper polarity.*

USING THE Z•600 COMM CONTROLLER'S INTERNAL POWER SUPPLY FOR OVERRIDE CONTROL

A maximum of 5 ELAN volume controls with override may be powered using the Z•600's internal power supply. If additional volume controls with override are to be utilized, an external +12VDC power supply (ELAN Z•027) will be required (see next page).

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CONNECTIONS

Z•600 COMM CONTROLLER CONNECTIONS
PZ6 REAR PANEL CONNECTIONS (continued)

USING AN EXTERNAL POWER SUPPLY FOR OVERRIDE CONTROL

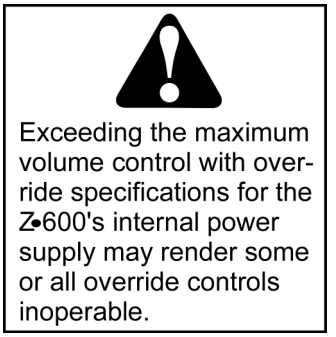
Systems exceeding the limitations of the Z•600's power supply (previous page) will require the use of an external +12VDC, 1.5A MAX plug-in power supply (ELAN Z•027).

The Z•027 connects to the jack on the front of the PZ6 labeled "VCO". Plugging a power supply into the VCO jack automatically disconnects the Z•600's internal power supply.

NOTE: *As many as 32 ELAN Volume Controls with Override may be powered by a single Z•027.*

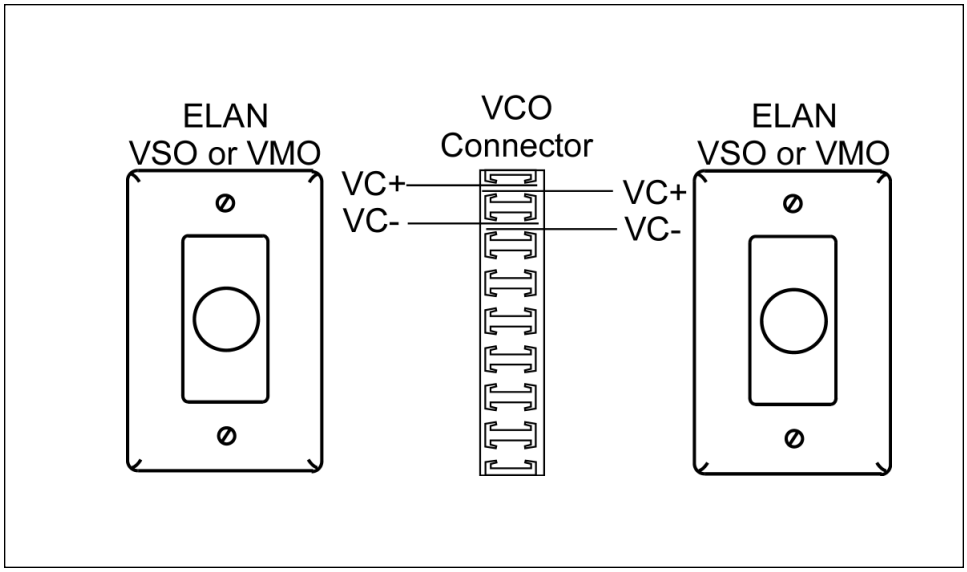
CONNECTING MORE THAN FOUR VOLUME CONTROLS WITH OVERRIDE

Since each row of a punchdown connectors will accept two 22 or 24 AWG solid conductor wires, the VCO punchdown connector can handle a maximum of 8 ELAN volume controls with the override feature by punching down two volume controls per row (see below). ***NOTE:*** *If additional volume control override connections are needed, the VC+ and VC- from several volume controls can be spliced together and a lead wire punched down to the connector.*



Exceeding the maximum volume control with override specifications for the Z•600's internal power supply may render some or all override controls inoperable.

Exceeding the 1.5A maximum rating for an external +12VDC power supply may cause unwarrantied damage to the Z•600 Comm Controller.



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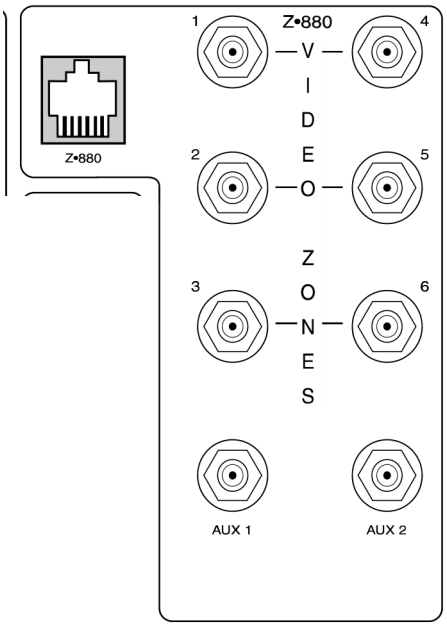
CONNECTIONS



Z•880 VIDEO CONTROLLER CONNECTIONS

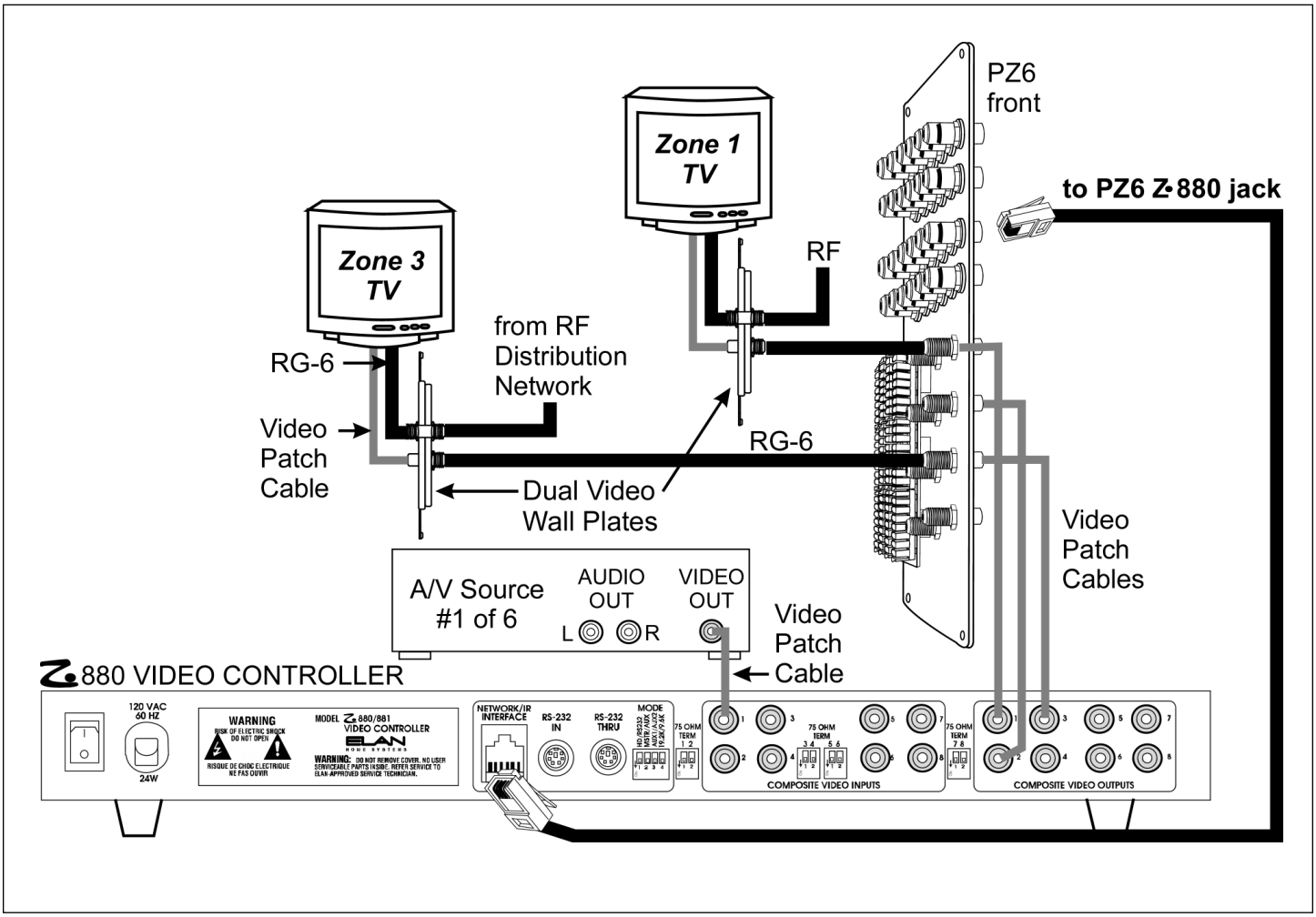
FRONT PANEL CONNECTIONS

1. Using a RJ45-to-RJ45 interconnect cable (ELAN C4545 1M or 2M), connect the jack labeled NETWORK/IR INTERFACE on the back of the Z•880 to the jack labeled Z•880 on the front of the PZ6.

2. Using RCA-to-RCA Video Interconnect cables (ELAN CZV 1M or 2M) connect the Z•880's COMPOSITE VIDEO OUTPUTS to the corresponding VIDEO ZONE jacks on the front of the PZ6

REAR PANEL CONNECTIONS

The video jacks on the rear panel of the PZ6 accept standard "F" connectors. Connect each zone's coax wire run to the corresponding zone video jack on the back of the PZ6.



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CONNECTIONS

Z•SERIES AMPLIFIER CONNECTIONS

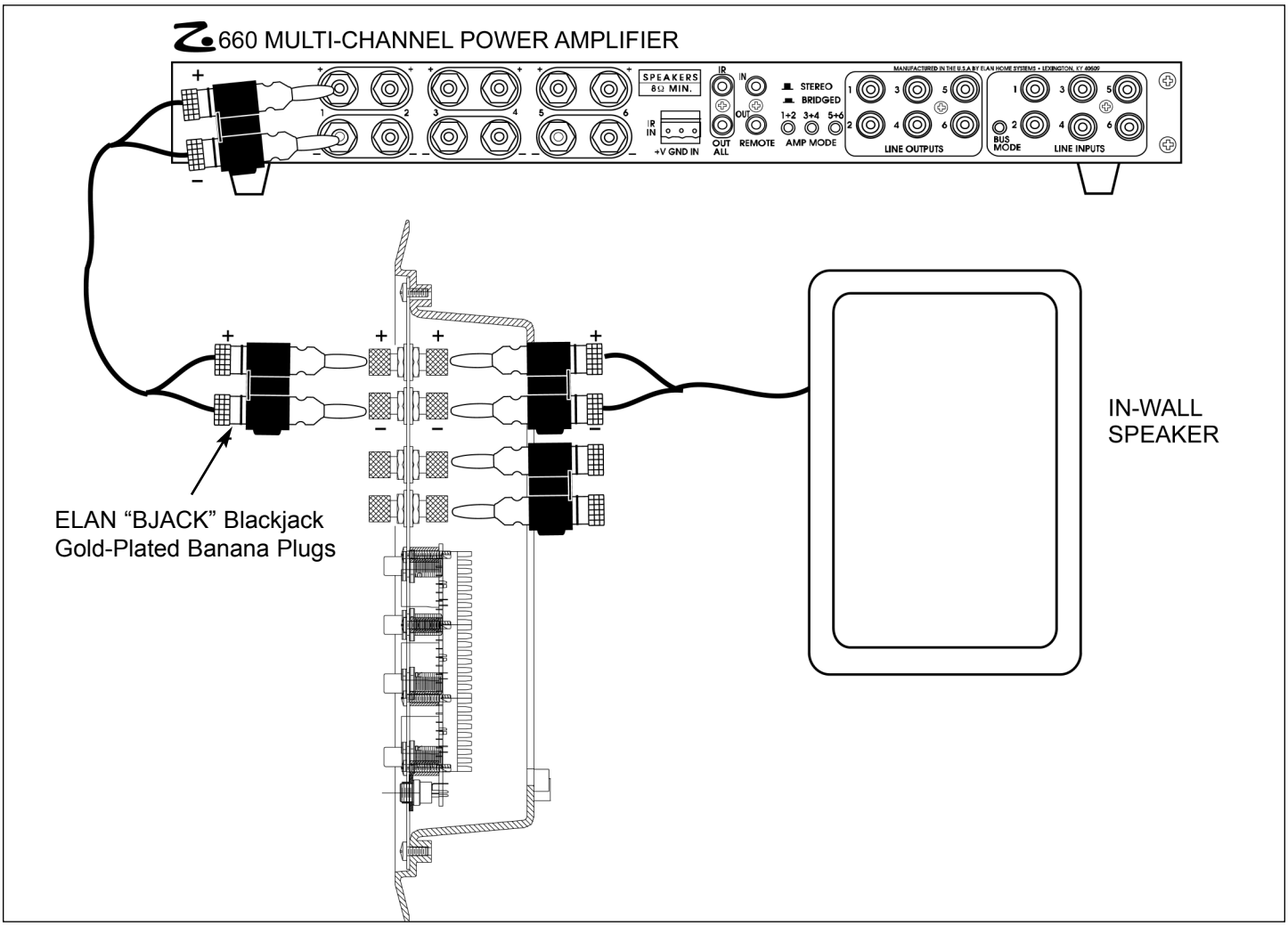
Make sure that the amplifier is powered down before making any of the following connections.

FRONT PANEL CONNECTIONS

Connect the amplifier's speaker outputs to the speaker binding posts on the front of the PZ6. To avoid the possibility of a loose wire strand creating a short, we recommend the use of ELAN BLACKJACK Banana Plugs.

REAR PANEL CONNECTIONS

Connect the wire runs coming from the speakers in each room to the rear panel binding posts on the PZ6. Make sure each speaker is connected to the appropriate amplifier channel for that room. Once again we recommend the use of ELAN BLACKJACK Banana Plugs to reduce the possibility of loose wire strands causing shorts.



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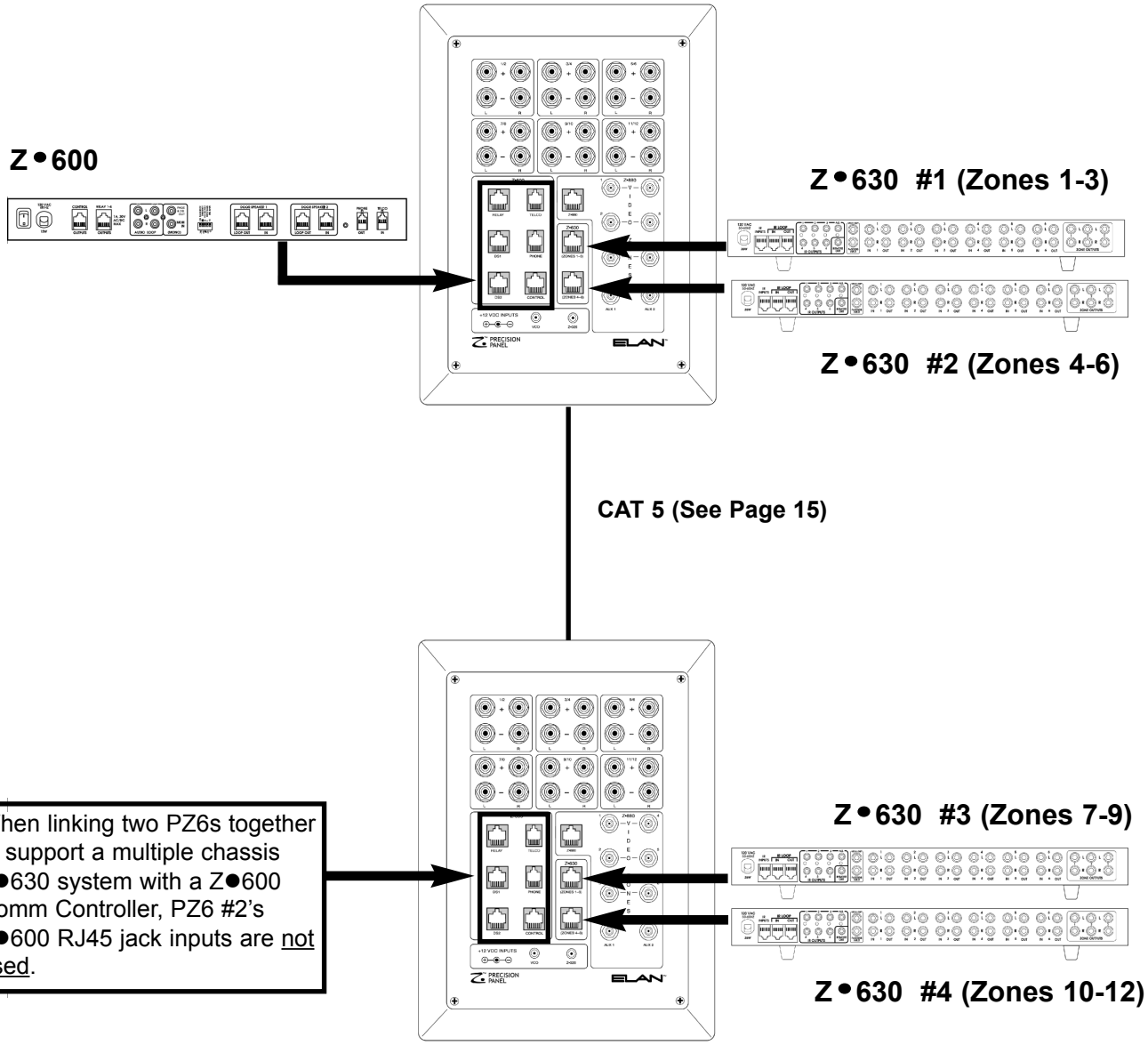
CONNECTIONS - CONT.

LINKING TWO PZ6 PRECISION PANELS TOGETHER TO ACCOMMODATE A SYSTEM WITH THREE OR FOUR Z•630 CHASSIS


Z•600
Z•630 #1 (Zones 1-3)
Z•630 #2 (Zones 4-6)
CAT 5 (See Page 15)
Z•630 #3 (Zones 7-9)
Z•630 #4 (Zones 10-12)
When linking two PZ6s together to support a multiple chassis Z●630 system with a Z●600 Comm Controller, PZ6 #2's Z●600 RJ45 jack inputs are not used.

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CONNECTIONS - CONT.

LINKING TWO PZ6 PRECISION PANELS TOGETHER TO ACCOMMODATE A SYSTEM WITH THREE OR FOUR Z●630 CHASSIS - cont.

The new Series II version of the PZ6 enables the RS485+, RS485-, PAGE & DOORBELL CONTROL, as well as the PZ6's GROUNDs to be linked.

NOTE: *The PZ6s must have production dates later than 2/19/02.*

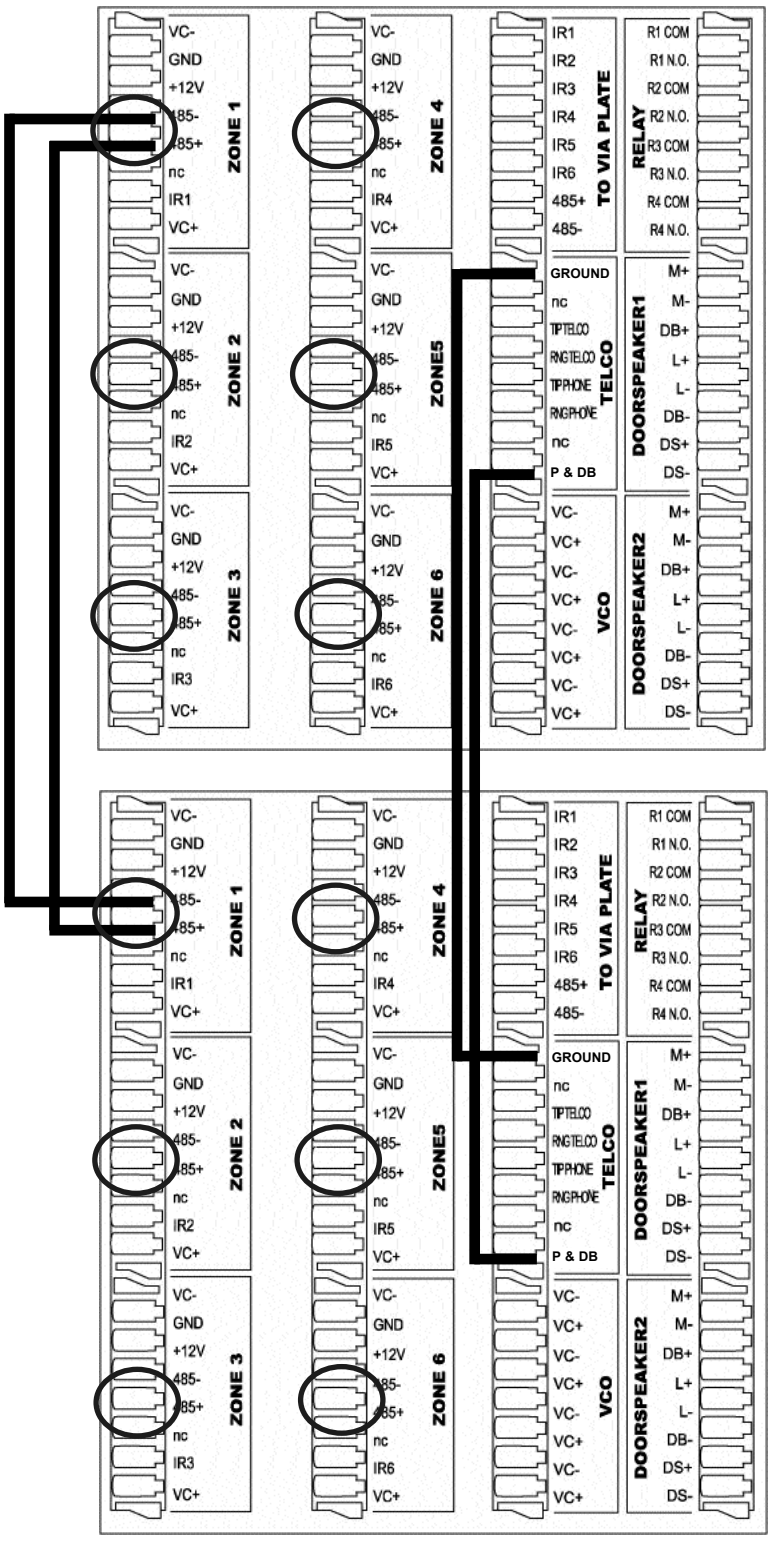
This configuration enables the the connection of as many as four Z●630 chassis, and facilitates the neat and clean termination of all Z●System wiring.

If three or four Z630 chassis are to be linked using two PZ6s, the diagram to the right details the connections of the RS485+, RS485-, Z600 PAGE & DOORBELL, and GROUND connections between the two PZ6s.

NOTE: *The RS485 data bus is common, therefore any of the RS485 data bus connections (circled) may be used to link the first PZ6 to the second PZ6.*

PZ6 #1

PZ6 #2



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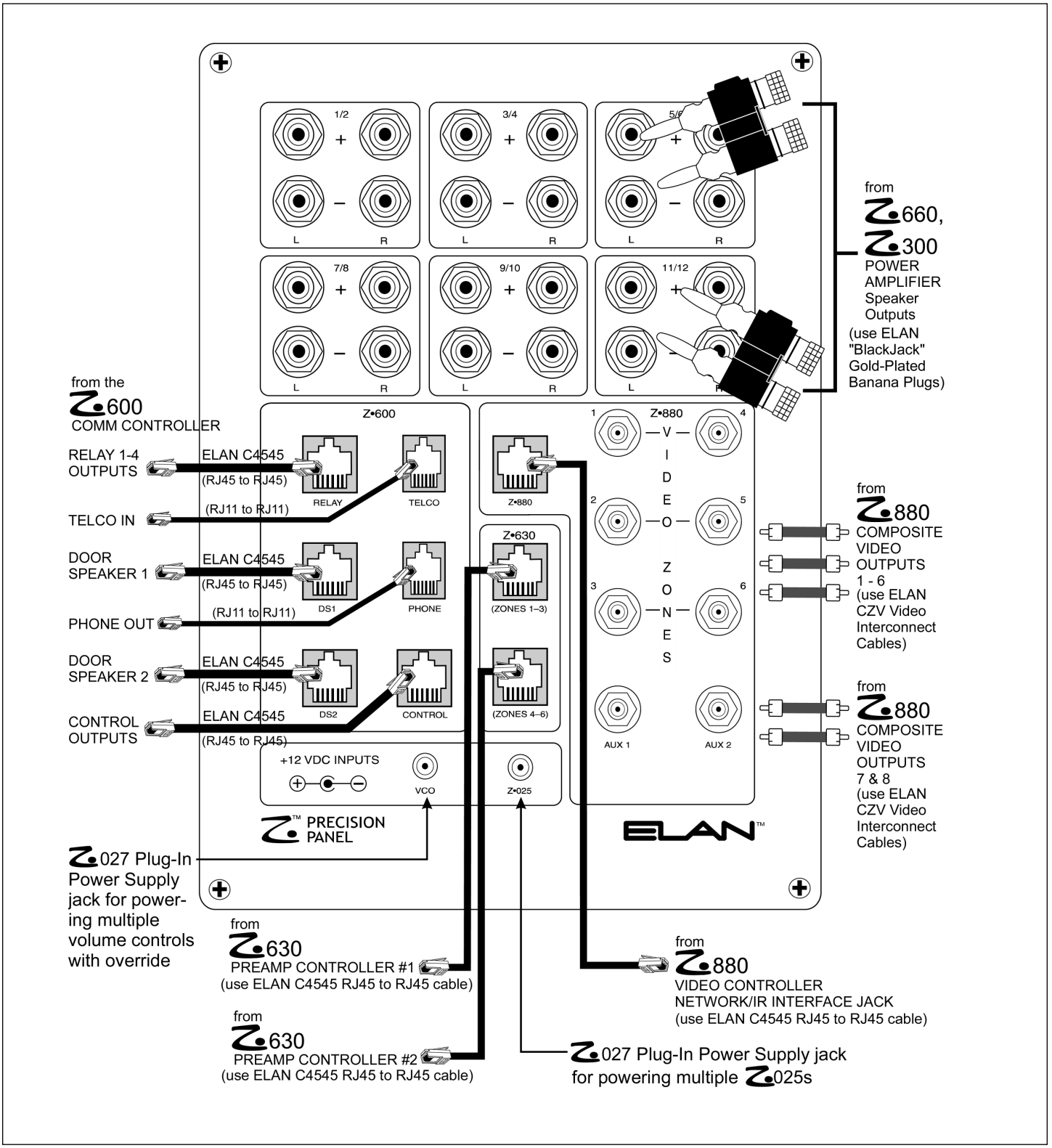
QUICK REFERENCE GUIDE

FRONT PANEL CONNECTIONS



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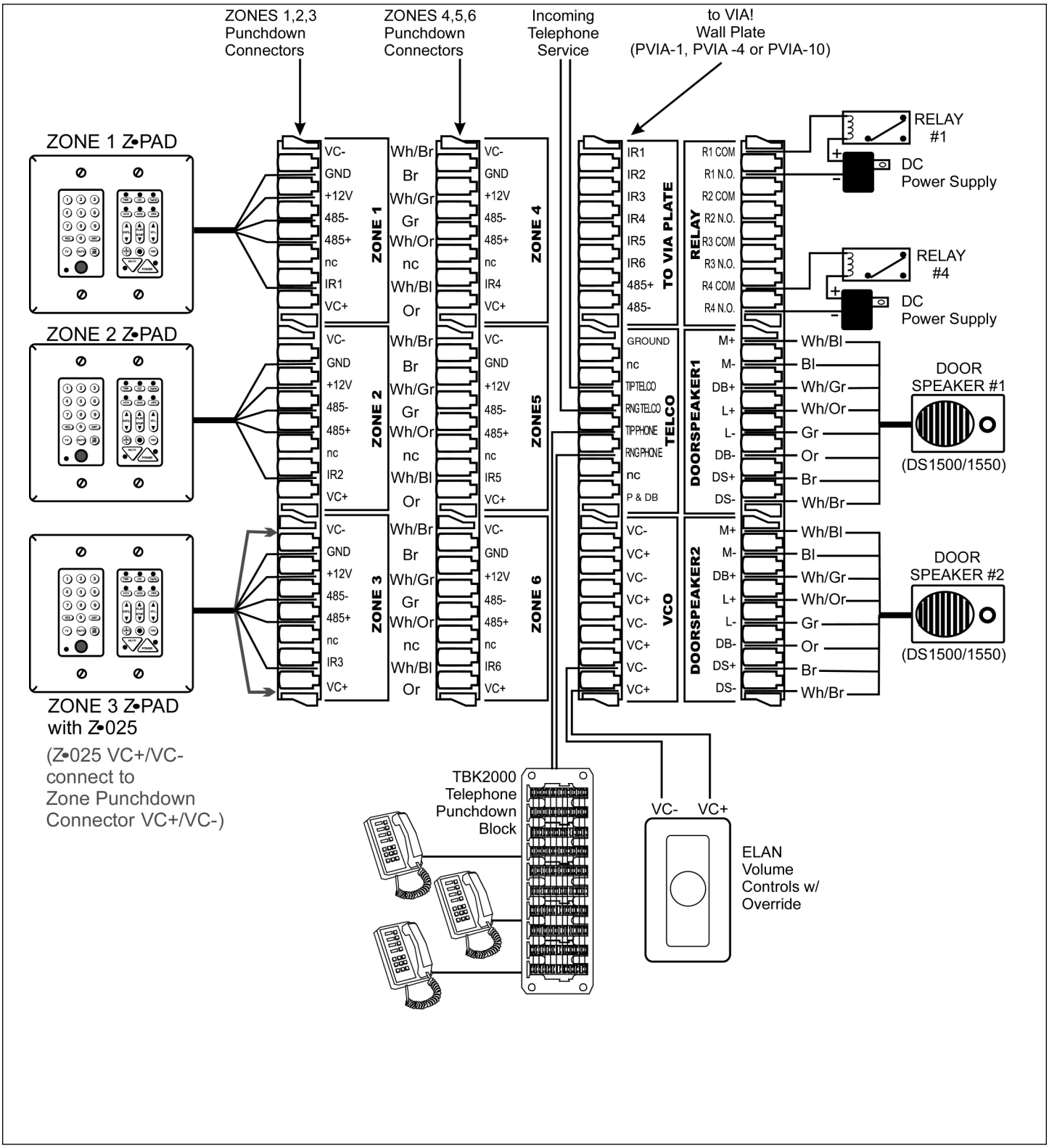
QUICK REFERENCE GUIDE

REAR PANEL CONNECTIONS


ZONES 1,2,3 Punchdown Connectors
ZONES 4,5,6 Punchdown Connectors
Incoming Telephone Service
to VIA! Wall Plate (PVIA-1, PVIA -4 or PVIA-10)
ZONE 1 Z•PAD
ZONE 2 Z•PAD
ZONE 3 Z•PAD with Z•025
(Z•025 VC+/VC- connect to Zone Punchdown Connector VC+/VC-)
VC- GND +12V 485- 485+ nc IR1 VC+
ZONE 1
Wh/Br Br Wh/Gr Gr Wh/Or nc Wh/Bl Or
VC- GND +12V 485- 485+ nc IR4 VC+
ZONE 4
VC- GND +12V 485- 485+ nc IR2 VC+
ZONE 2
VC- GND +12V 485- 485+ nc IR5 VC+
ZONE5
VC- GND +12V 485- 485+ nc IR3 VC+
ZONE 3
VC- GND +12V 485- 485+ nc IR6 VC+
ZONE 6
IR1 IR2 IR3 IR4 IR5 IR6 485+ 485-
TO VIA PLATE
GROUND nc TIPTELCO RNGTELCO TIPPHONE RNGPHONE nc P & DB
TELCO
VC- VC+ VC- VC+ VC- VC+ VC- VC+
VCO
R1 COM R1 N.O. R2 COM R2 N.O. R3 COM R3 N.O. R4 COM R4 N.O.
RELAY
RELAY #1
DC Power Supply
RELAY #4
DC Power Supply
M+ M- DB+ L+ L- DB- DS+ DS-
DOORSPEAKER1
Wh/Bl Bl Wh/Gr Wh/Or Gr Or Br Wh/Br
DOOR SPEAKER #1
(DS1500/1550)
DOORSPEAKER2
DOOR SPEAKER #2
(DS1500/1550)
TBK2000 Telephone Punchdown Block
VC- VC+
ELAN Volume Controls w/ Override

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Limited Warranty

ELAN HOME SYSTEMS, L.L.C. (“ELAN”) warrants equipment manufactured by it to be free from defects in materials and workmanship for two (2) years from the date of purchase, with the exception of speakers and volume controls, which have a ten (10) year warranty. If within the applicable warranty period above purchaser discovers such item was not as warranted above and promptly notifies ELAN writing, ELAN shall repair or replace the items at the company’s option.

This warranty shall not apply (a) to equipment not manufactured by ELAN, (b) to equipment which shall have been installed by other than an authorized ELAN installer, (c) to installed equipment which is not installed to ELAN’s specifications, (d) to equipment which shall have been repaired or altered by others than ELAN, (e) to equipment which shall have been subjected to negligence, accident, or damage by circumstances beyond ELAN’s control, including, but not limited to, lightning, flood, electrical surge, tornado, earthquake, or any other catastrophic events beyond ELAN’s control, or to improper operation, maintenance or storage, or to other than normal use of service. With respect to equipment sold by, but not manufactured by ELAN, the warranty obligations of ELAN shall in all respects conform and be limited to the warranty actually extended to ELAN by its supplier. The foregoing warranties do not cover reimbursement for labor, transportation, removal, installation, or other expenses which may be incurred in connection with repair or replacement.

Except as may be expressly provided and authorized in writing by ELAN, ELAN shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured by ELAN or services rendered by ELAN.

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